High-Grade

RADIO-PHONE

Construction Plans

BY

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EDUCATIONAL DIRECTOR

EXTENSION-DIVISION

SCHOOL OF ENGINEERING OF MILWAUKEE

MILWAUKEE, WISCONSIN

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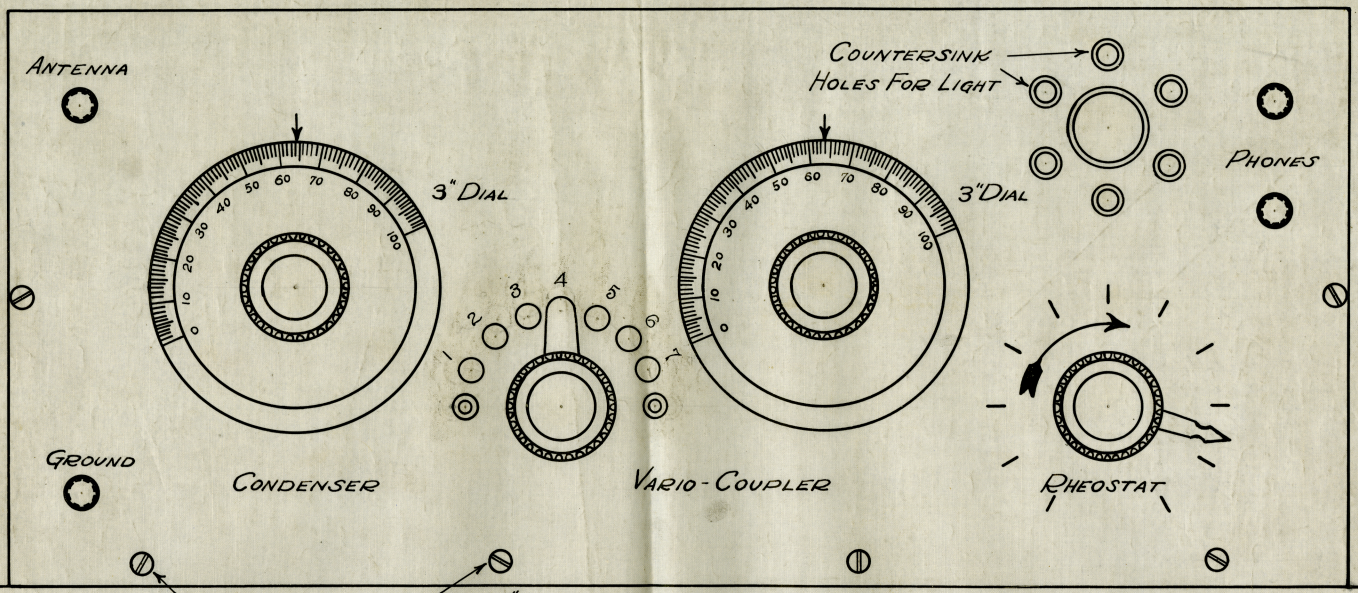
SUPPLEMENT TO
RADIOPHONE
COURSE

Front Elevation



RAETH'S

HIGH GRADE-TYPE No. 1

Radiophone Receiver

DESIGNED BY
FREDERICK C. RAETH

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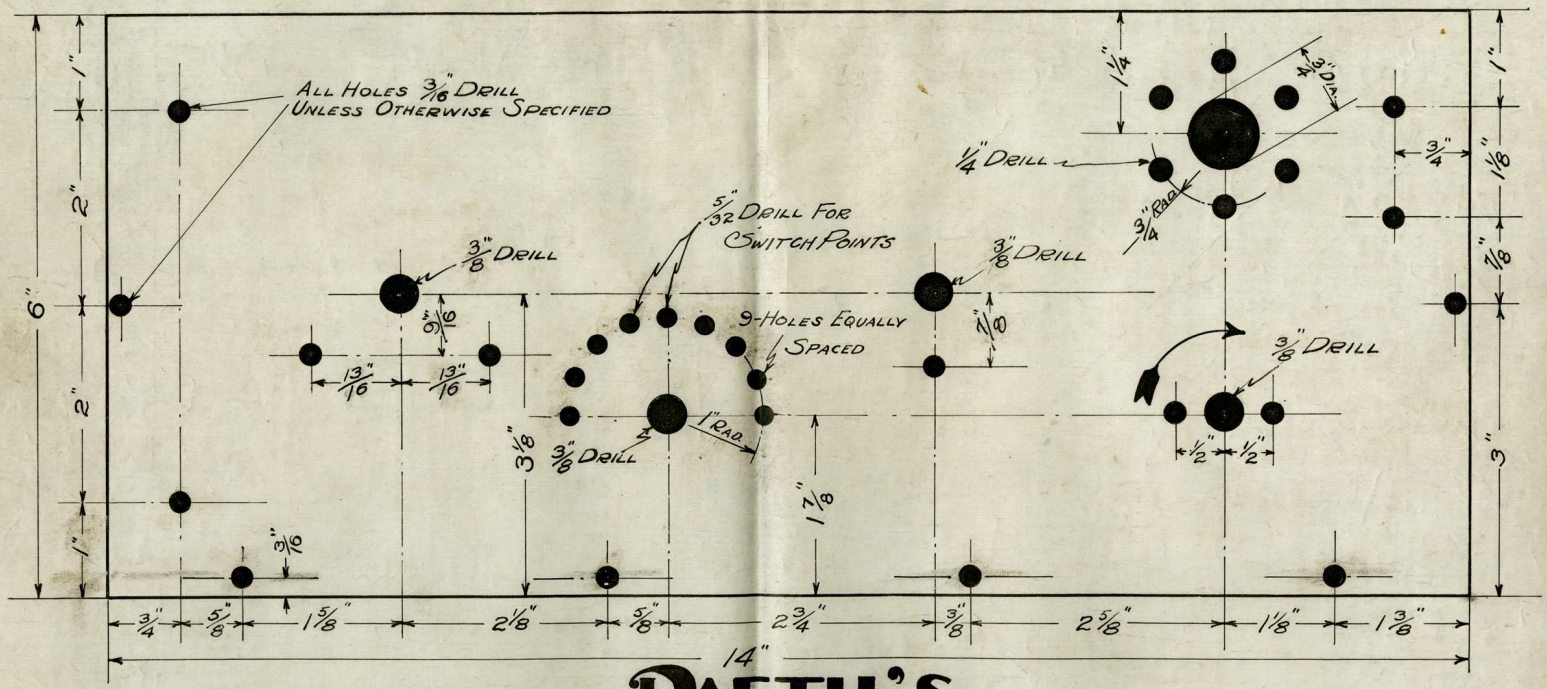
RADIO DEPARTMENT
SCHOOL OF ENGINEERING OF
MILWAUKEE

PLATE 2



RAETH'S

HIGH GRADE - TYPE No. 1

Radiophone Receiver

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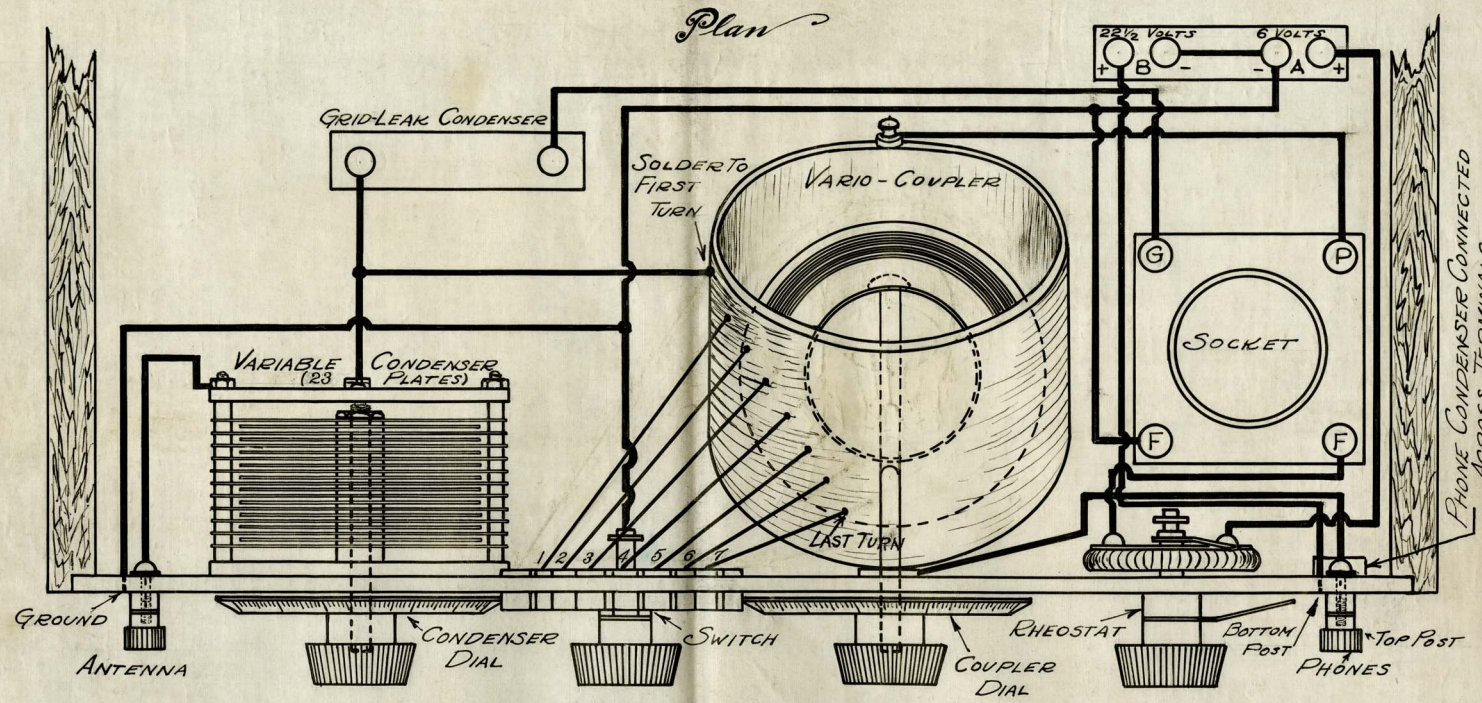
MILWAUKEE

PLATE 3



RAETH'S

HIGH GRADE TYPE No. 1

Radiophone Receiver

Designed By
Frederick C. Raeth

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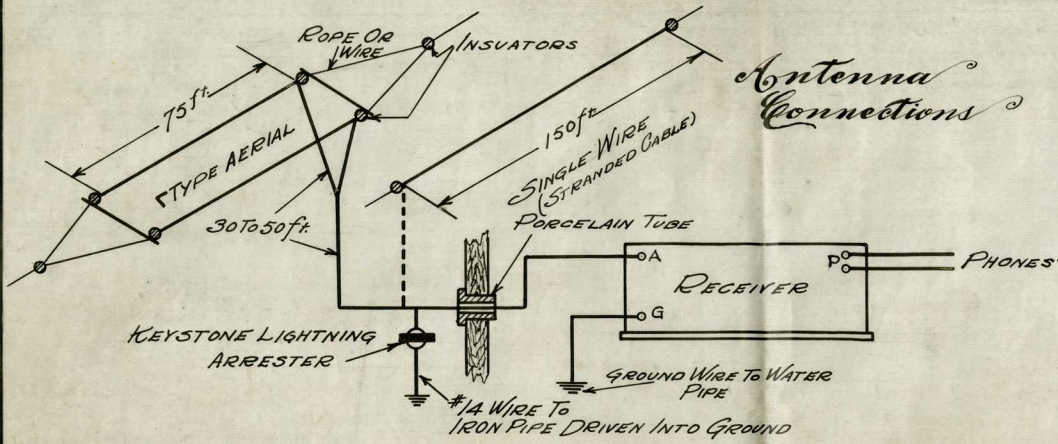
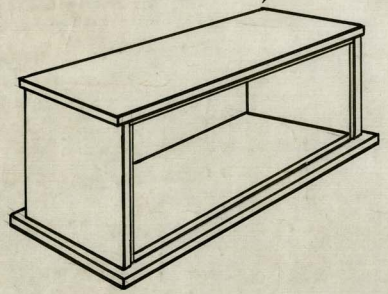
Radio Department
School Of Engineering Of
Milwaukee

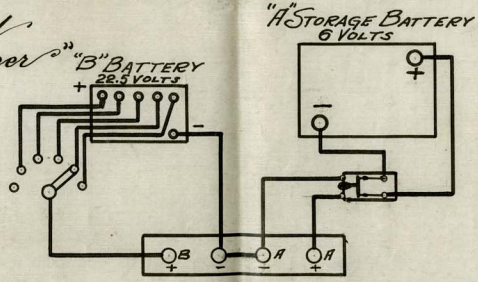
PLATE 4



Antenna Connections

Standard Cabinet used for "RAETH'S" (HIGH GRADE TYPE No. 1) Radiophone Receiver"





Battery Connections

CUT OFF ORDER BLANK AND MAIL

20% DISCOUNT allowed to S.O.E. students on this order

SCHOOL of ENGINEERING of Milwaukee
415 Marshall Street, Milwaukee
Wisconsin

Enclosed find a money order for $17.37 for which please send me by parcel post at once, the following list of materials for a type No. 1. "Raeth's High-Grade Radiophone Receiver"

No.	NAME OF MATERIAL	PRICE	
1	CABINET (MAHOGANY FINISHED AND HINGED TOP)	$3	50
1	MOUNTING BOARD		20
1	BAKELITE 14" x 6" x 3/16" (HOLES DRILLED)	3	00
1	23 PLATE - VARIO CONDENSER WITH DIAL	4	25
1	VARIOCOUPLER WITH DIAL (REMLER)	6	15
1	INDUCTANCE SWITCH		45
1	RHEOSTAT	1	00
1	SOCKET (HIGH-GRADE - BAKELITE BASE)	1	00
1	BAKELITE 3½" x 3¼" x 3/16"		10
	SWITCH POINTS AND STOPS		31
	GRID-LEAK AND PHONE CONDENSER		65
	BATTERY POSTS - BINDING POSTS + ½" R.H. SCREWS		70
	10 ft. #14 TINNED WIRE - 2½ Ft. EMPIRE TUBING		40
	TOTAL ---	$21	71
DATE [redacted]	20% DISCOUNT	4	34
	CASH PRICE --	$17	37

PLACE YOUR MAILING ADDRESS BELOW

[redacted]

DESIGNED BY FREDERICK C. RAETH

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RADIO DEPARTMENT SCHOOL OF ENGINEERING OF MILWAUKEE